

## TRANSCRIPTION - ORIGINAL FOLLOWS

### Modification to Existing Anti-Satellite Programs and Follow-on Programs

USAF to AFSC

1. (U) Reference is made to the following:

- a. Inclosed memorandum from DDR&E to the Service Assistant Secretaries for R&D, subject as above, dated 30 July 1963.
- b. Letter, Hq USAF, Subject: Program 437 Operational [illeg], dated 5 July 1963.
- c. Letter, Hq USAF, subject: Requirement for [illeg] SPADATS Response Time, dated [illeg] July 1963.
- d. [illeg], Hq USAF [illeg], dated 12 July 1963.

2. (C) Reference 1.a. provides guidance to the services from DDR&E resulting from the review of anti-satellite efforts by the Secretary of Defense on [illeg] June 1963.

3. (S) Reference 1.a. suggests [illeg] day as the SPADATS response time limitation for the approved program; however, your recommendations should include a series of time versus cost alternatives, i.e., 36 hour response/cost X million dollars; 24 hours response/cost Y million dollars; 12 hours response/cost Z million dollars. Additionally, recommendations are required for reducing SPADATS response time to a minimum in support of the follow-on anti-satellite mission, Program [illeg]. The specific recommendations requested in paragraph a of reference 1.a. should be expanded to include:

- a. Accuracy studies of Moorestown [illeg].
- b. Utilization of Hanscom computer facility for the routine SPADATS cataloging function.
- c. Improvement of communications should include all SPADATS sensors.

4. (S) With regard to the specific guidance by DDR&E concerning Program 437, the following is provided:

- a. It is this headquarters understanding that the program 437 guidance arrangement provides the capability to accept orbital corrections within the time required for U.S. orbit of the target satellite.

AFW/110

6 August 1963

Modification to Existing Anti-Satellite Programs and Follow-On Programs

USAF W/AFAC

1. (U) Reference is made to the following:

- a. Inclosed memorandum from NMAL to the Service Assistant Secretaries for R&D, subject as above, dated 30 July 1963.
- b. Letter, HQ USAF, Subject: Program 437 Operational Status, dated 6 July 1963.
- c. Letter, HQ USAF, subject: Requirement for Compression of ACATS Response Time, dated 6 July 1963.
- d. TRX, HQ USAF 072021, dated 12 July 1963.

2. (C) Reference 1.a. provides guidance to the services from NMAL resulting from the review of anti-satellite efforts by the Secretary of Defense on 27 June 1963.

3. (S) Reference 1.a. suggests cut day as the SPADATS response time limitation for the approved program; however, your recommendations should include a series of time versus cost alternatives, i. e., 36 hour response/cost X million dollars; 24 hours response/cost Y million dollars; 12 hours response/cost Z million dollars. Additionally, recommendations are required for reducing SPADATS response time to a minimum in support of the follow-on anti-satellite mission, Program 803. The specific recommendations requested in paragraph a of reference 1.a. should be expanded to include:

- a. Accuracy studies of Monoceros tracker.
- b. Utilization of Monoceros computer facility for the routine SPADATS cataloging function.
- c. Improvement of communications should include all SPADATS sectors.

4. (S) With regard to the specific guidance by NMAL concerning Program 437, the following is provided:

- a. It is this headquarters' understanding that the present 437 guidance arrangement provides the capability to accept orbital corrections within the time required for 8.5 orbits of the target satellite.